

FIGURE 1 (PRIOR ART)

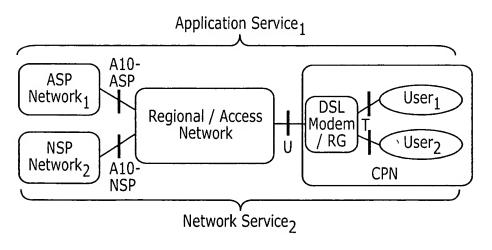


FIGURE 2 (PRIOR ART)

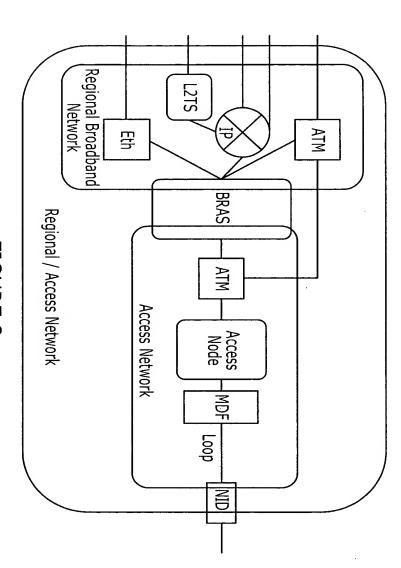
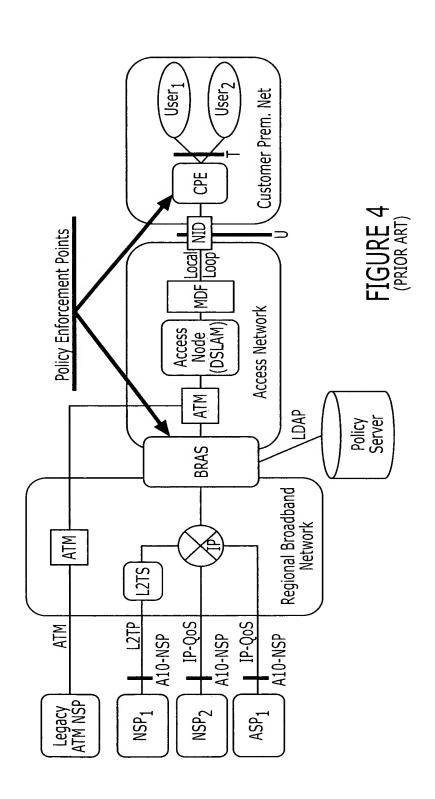
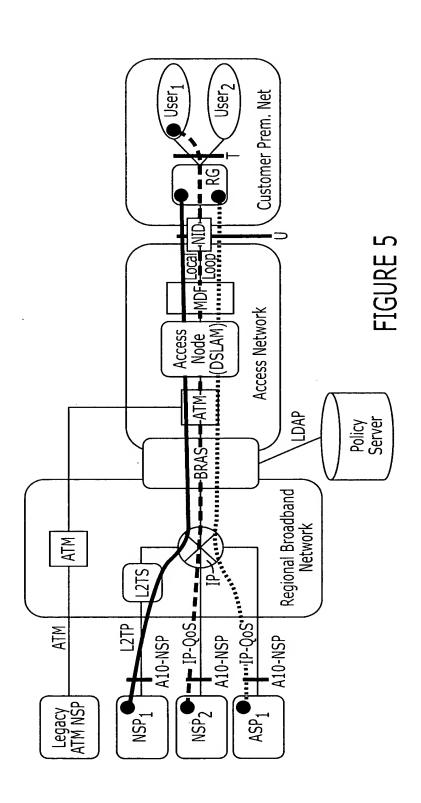


FIGURE 3 (PRIOR ART)





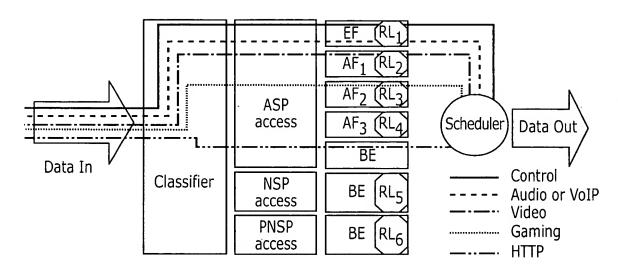
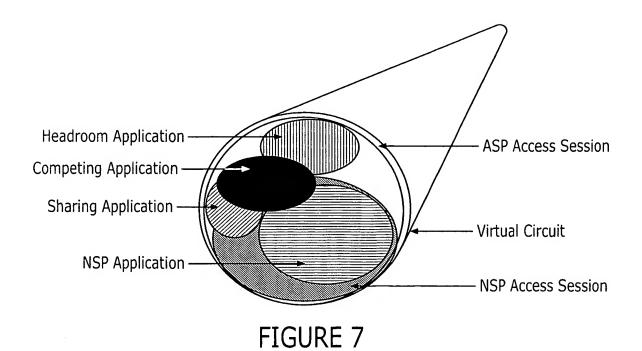
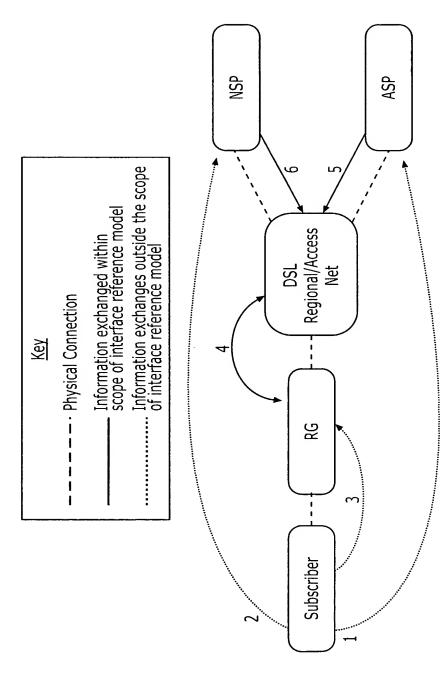


FIGURE 6

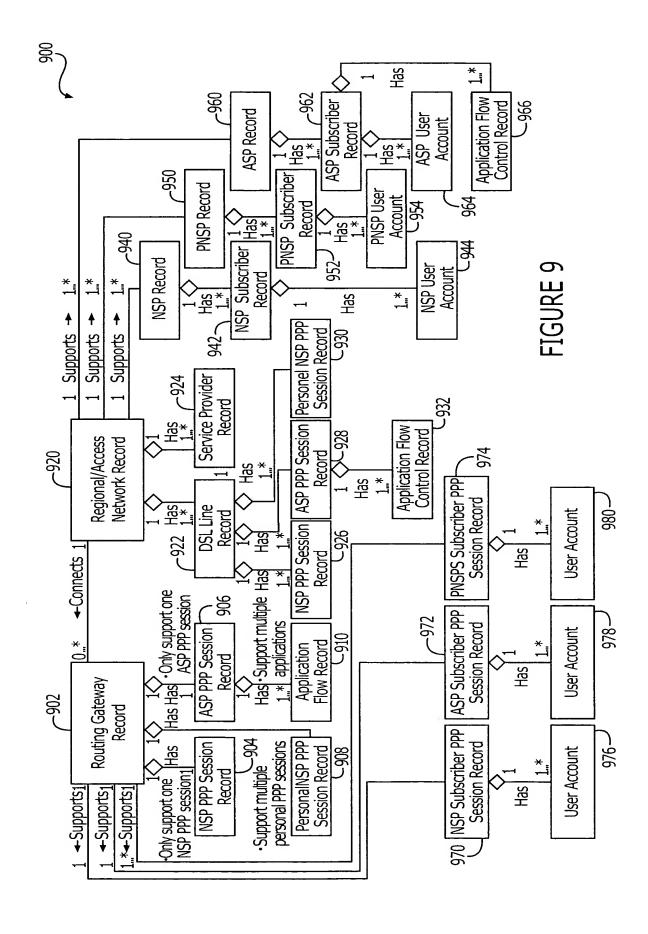




- 1,2: The subscriber exchanges information with the A/NSP when signing up for a service 3: The subscriber configures the RG. This may only be for the initial install. The ACS locations are subscriber configures to the RG.
- The subscriber configures the RG. This may only be for the initial install. The ACS located within the Regional/Access Network may handle all subsequent conf changes
- The RG initiates access sessions that are terminated in the DSL network. The ACS communicates with the RG for the configuration updates. 4: The RG initiates access sessions that are terminated in the DSL network. The ACS communicates wit 5,6: The NSP communicates with the DSL network to establish a DSL connection. The ASP and NSP also

communicate bandwith and QoS changes per session or application.

FIGURE 8



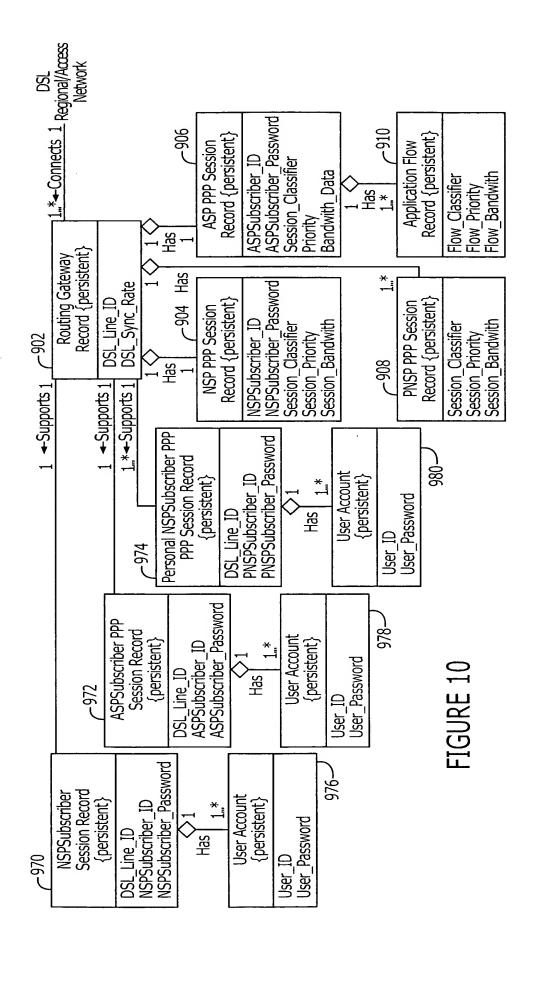


FIGURE 11A

FIGURE 11B

FIGURE 11

FIGURE 11A

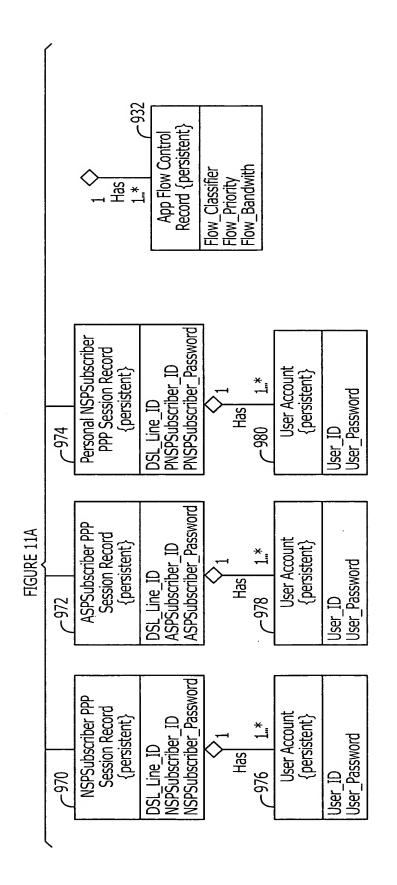
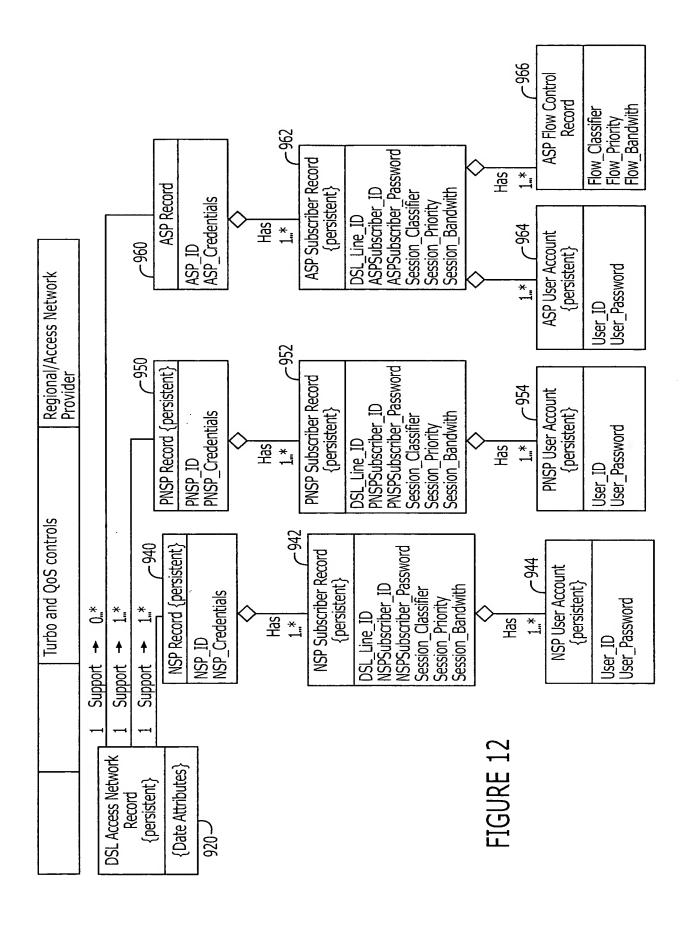
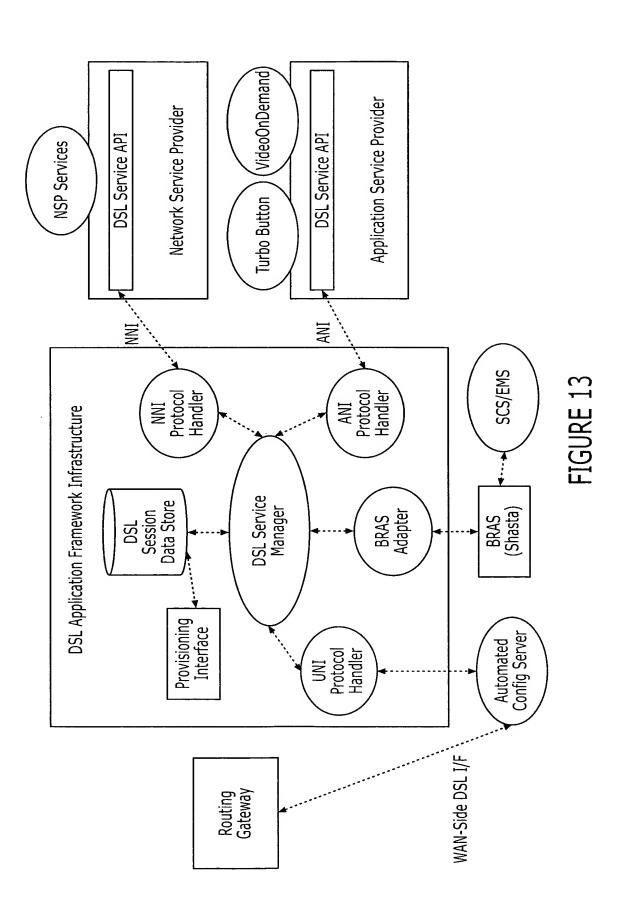
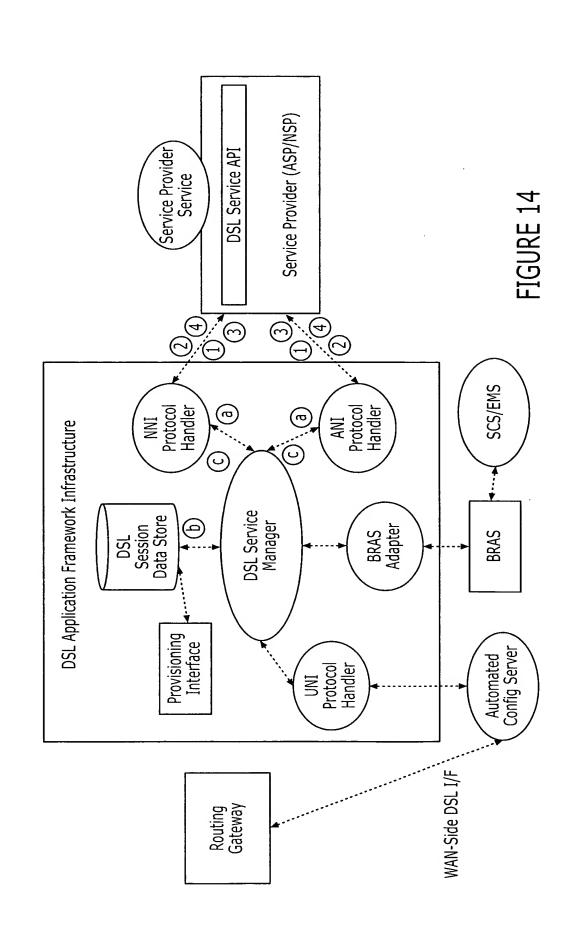
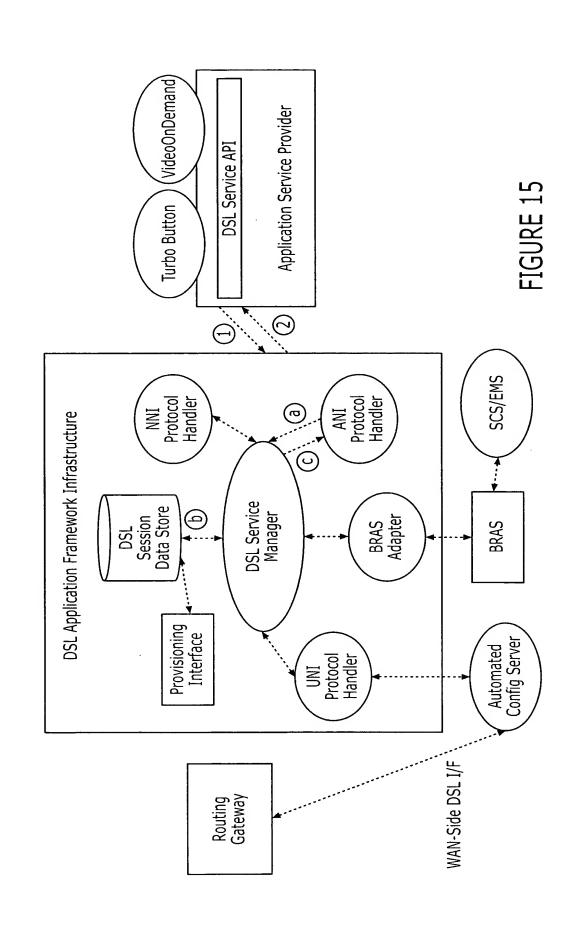


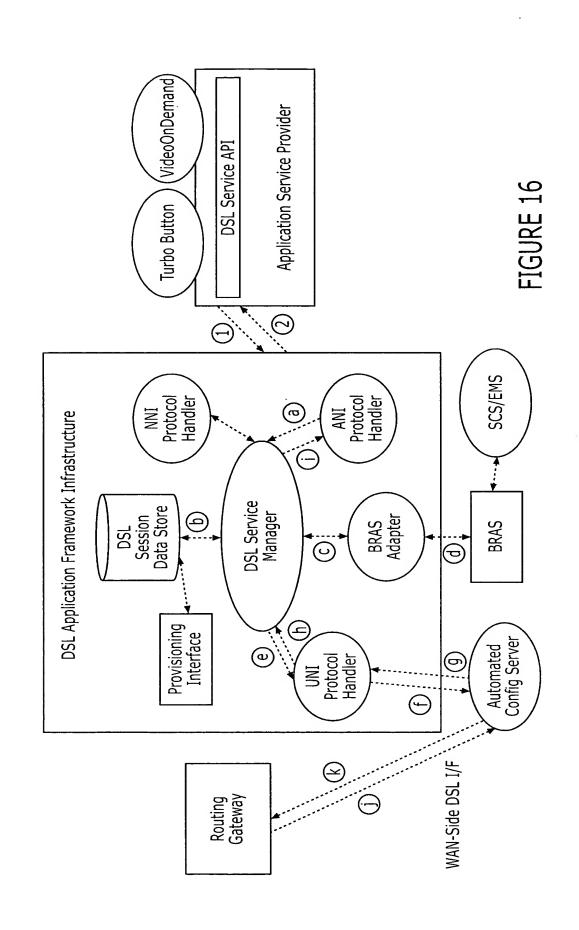
FIGURE 11B

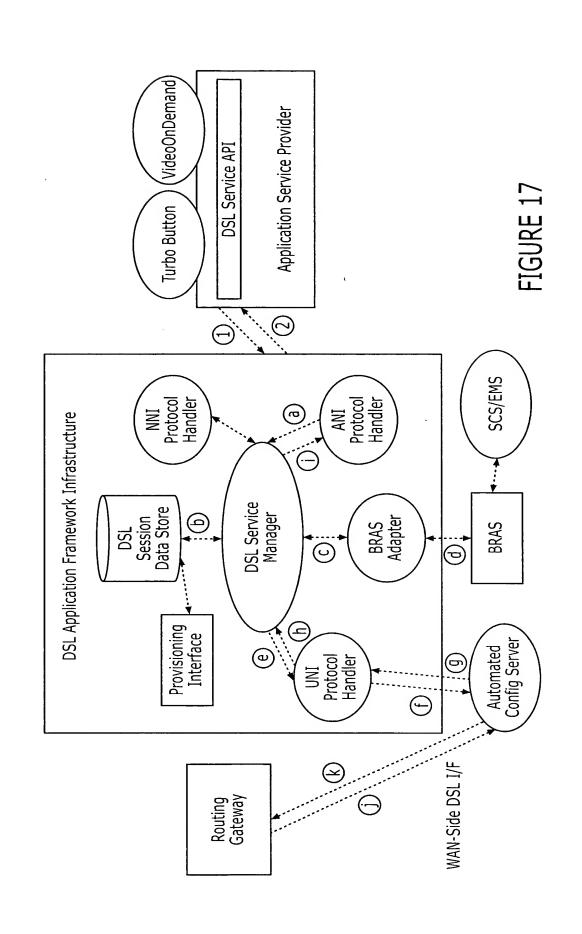


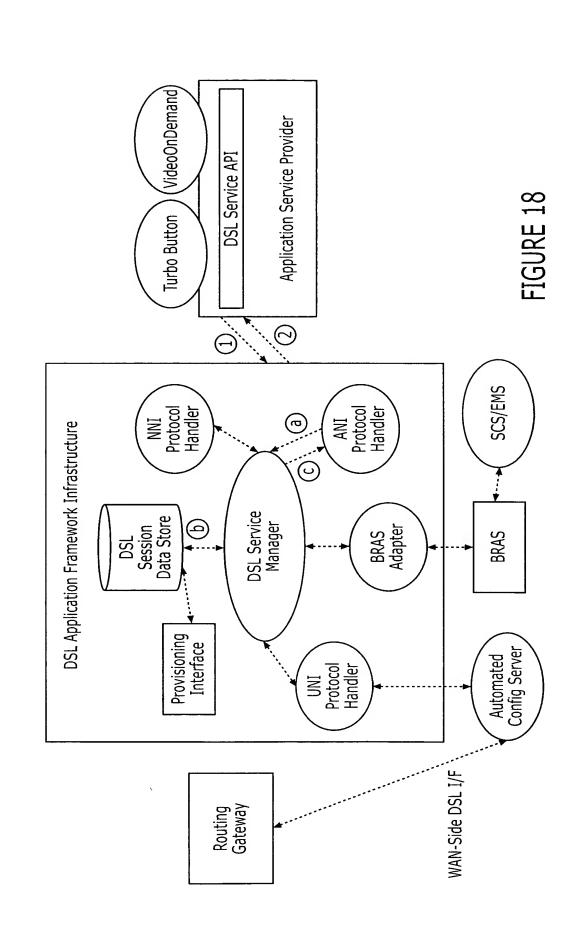


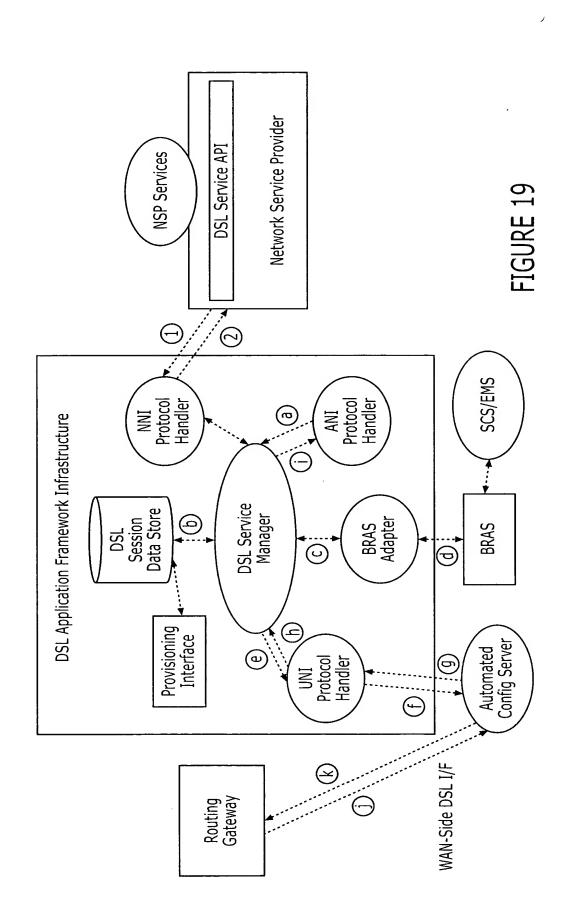


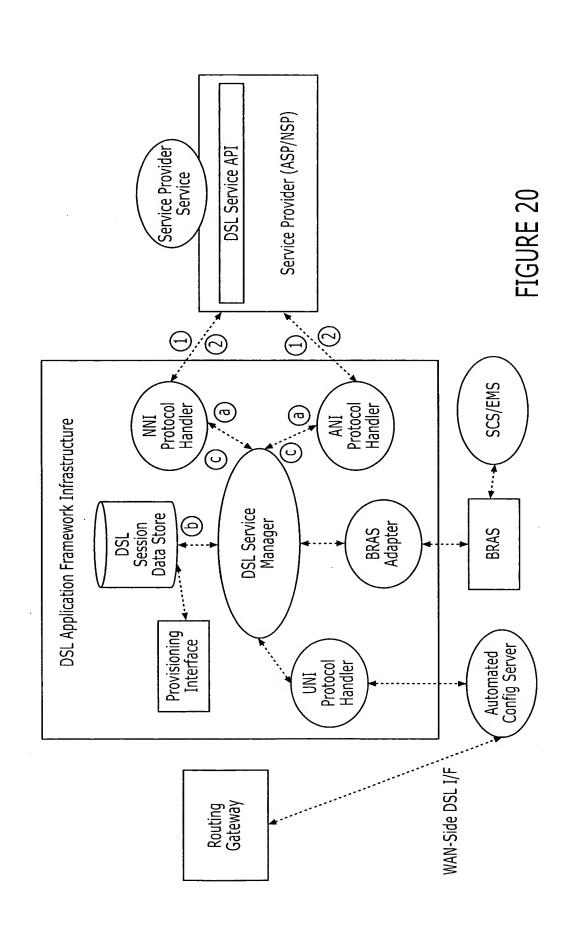












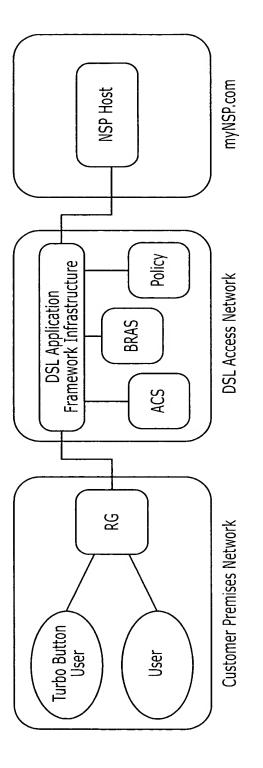


FIGURE 21

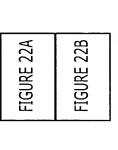
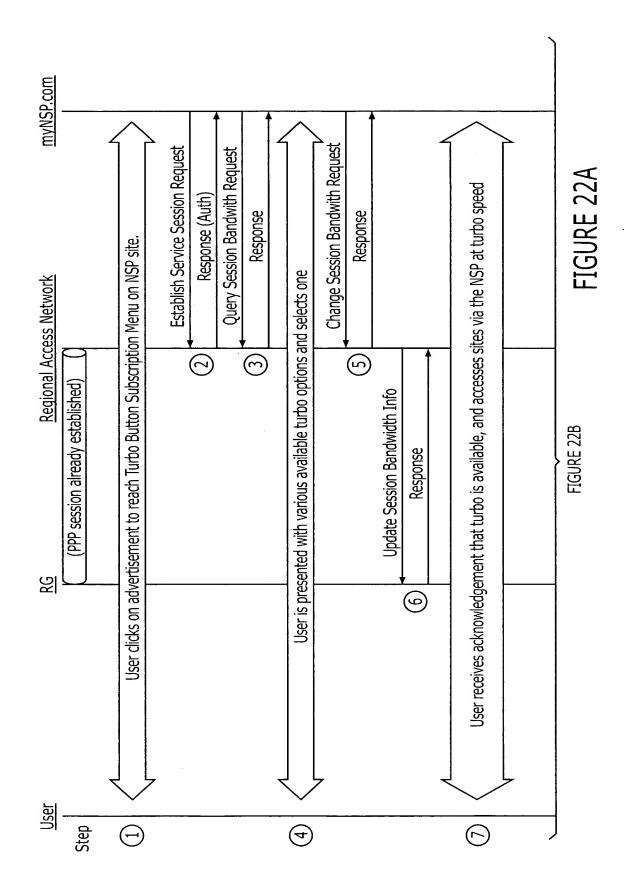


FIGURE 22



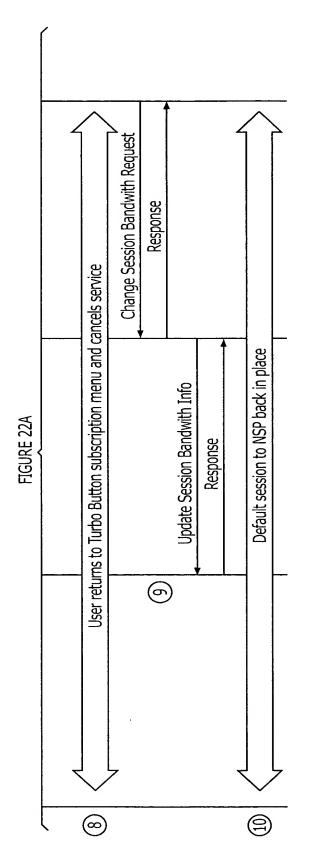
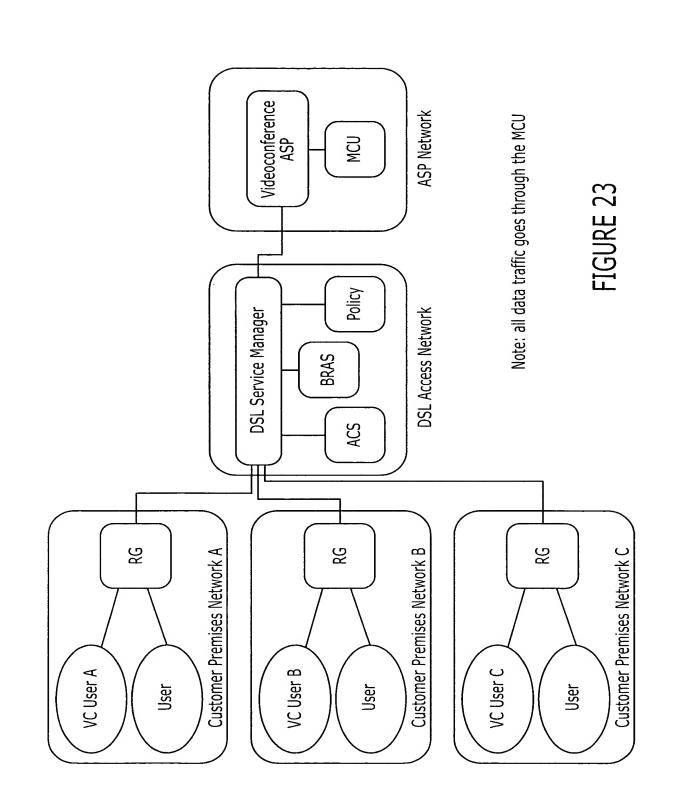
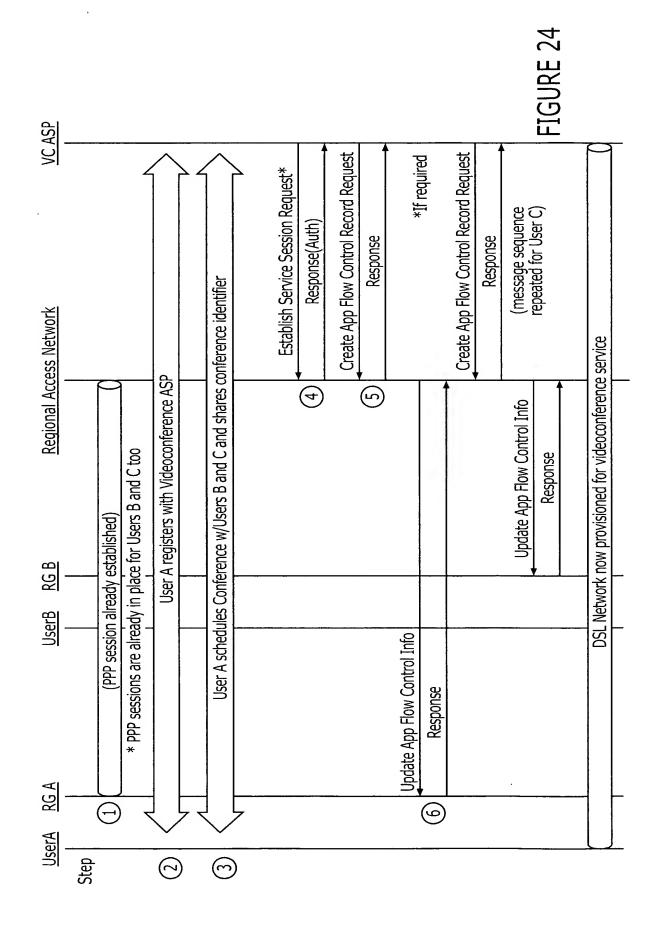
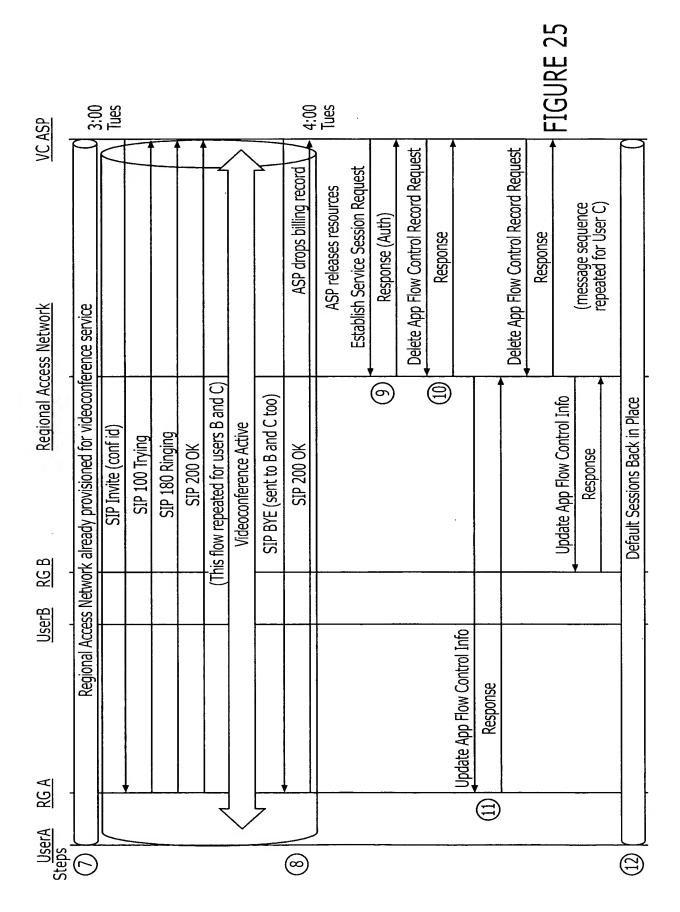


FIGURE 22B







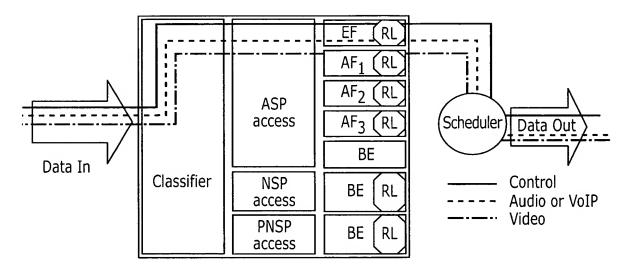


FIGURE 26

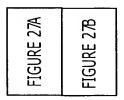
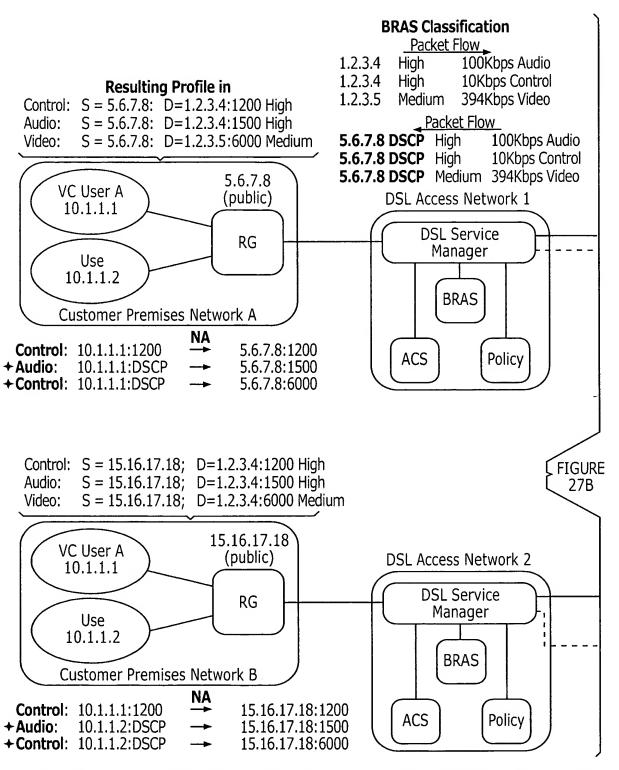
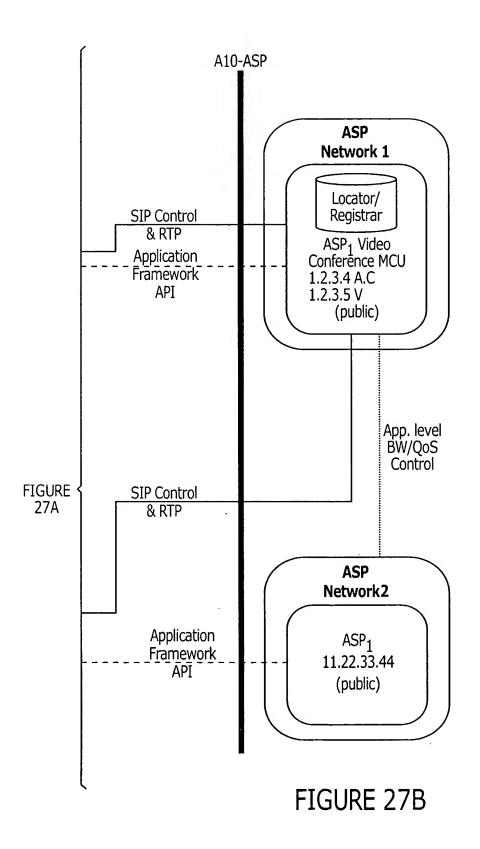


FIGURE 27



◆ These flows are set up dynamically at the VC client and the DSCP are assigned for the audio and the video streams. The ALG/NAT maps the 10.X.X.X ports to the corresponding IP address and ports for audio and video specified in the ACS profile based on the DSCP set by the VC client. This ensures that the RG, BRAS, and ASP videoconference MCU maintain consistent port information with regard to the various flows.
FIGURE 27A



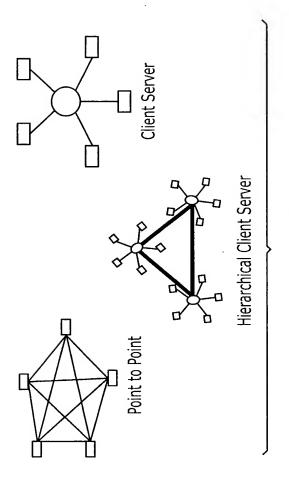
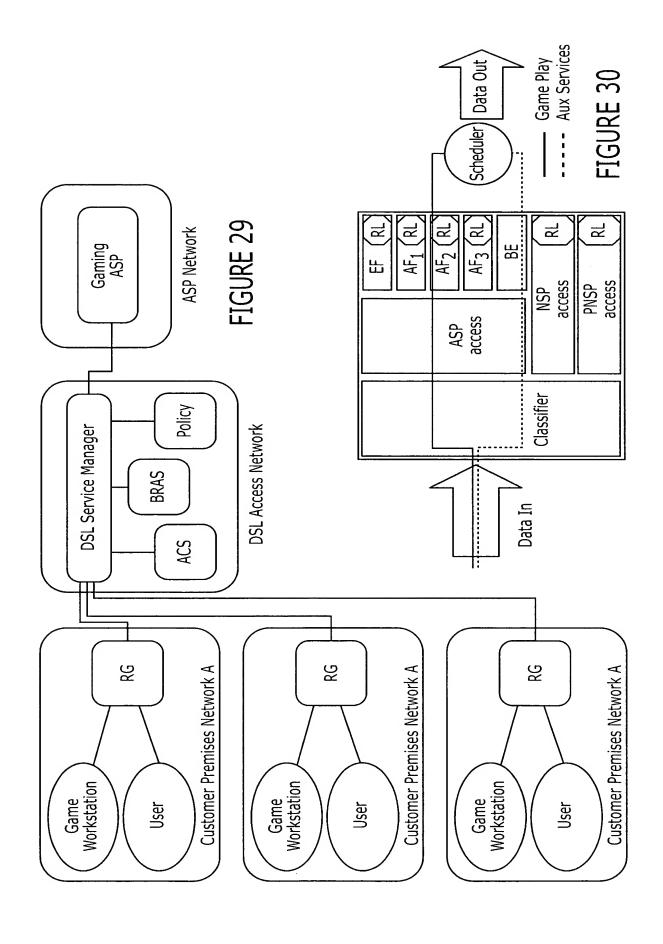


FIGURE 28



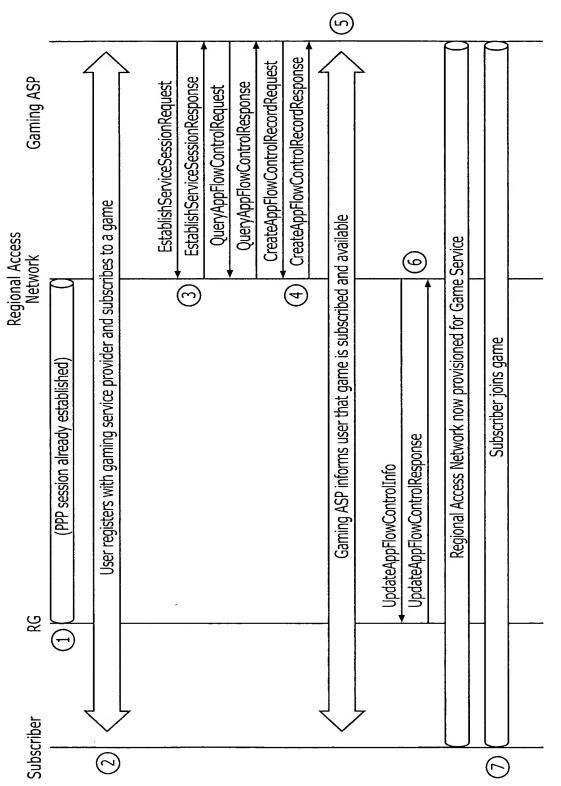
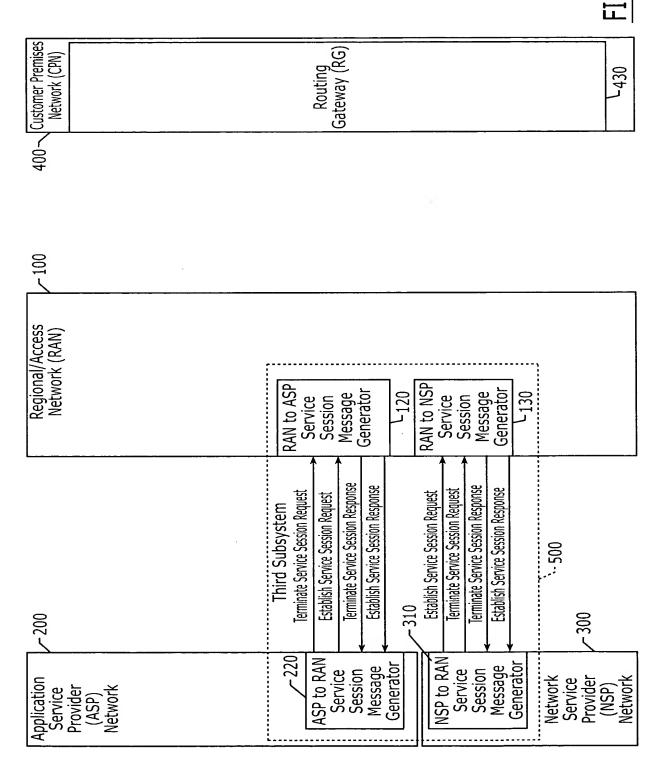


FIGURE 31

										7-430										-)	,	ETC 37	110, J2n
400 Customer Premises Network (CPN)		RG to RAN Application Flow Message Generator									·	Routing Gateway (RG)			RG to RAN Access Session			Generator	L420				
~100 400~	Update Application Flow Control Info	Update Flow Control Response			Update Application Flow Control Kequest			Second Subsystem	Undate Seccion BW Info	A SHIT HE HOISENS SIREAD	Update Session BW Response					Update Session BW Request	,						
Regional/Access Network (RAN)	Z 140			RAN to RG	Application	Message	Generator		RAN to RG	Access	Session	Message Generator	110~				-						
	7150			RAN to ASP	Application Elow	Message	Generator		RAN to ASP	Access	Session	Message Generator	L160		RAN to NSP	Access	Message	Generator	L ₁₇₀				
~ 200 600		Create Application Flow Control Response	Delete Application Flow Control Response	Query Application Flow Control Response	Create Application Flow Control Request	Delete Application Flow Control Request	Change Application Flow Control Request	Query Application Flow Control Request	First Subsystem	~210	Query Session BW Request	Query Session BW Response		7310	Change Session BW Request	Query Session BW Request	Change Session BW Response	Query Session BW Response		,- 700	-300 -300		
Application Service	Provider (ASP)	ASP to RAN Application Flow Message Generator						7.230						NSP to RAN Access Session Message Generator					Network	Provider	(NSP)	Network	



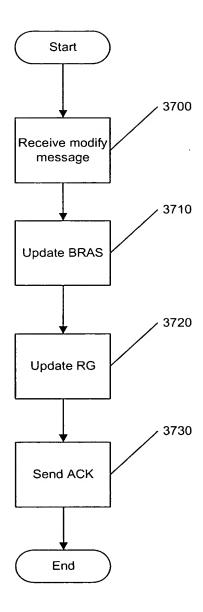


Figure 33